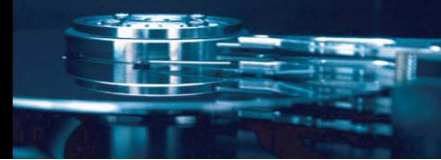


User Guide

MEDIADISK DIAMOND



Mediadisk DIAMOND



USER GUIDE

SAFETY AND OTHER INSTRUCTIONS	1
REMARKS	2
PRODUCT VIEW	2
REMOTE CONTROL	3
CONNECTION	4
INTERFACE	7
BROWSER	8
FILE MANAGER	13
SEARCH PROCESS	14
SETUP MENU	15
SPECIFICATIONS	18
TROUBLESHOOTING	19



Mediadisk Diamond is a Home Media Center, with a built-in 3.5" HDD. It plays High Definition multimedia files (movies, audios and photos).

SAFETY AND OTHER INSTRUCTIONS

Please use MEDIADISK DIAMOND carefully and read following instructions.

>>> Copyright

Software, audio, video or any intellectual properties are protected by copyright and international laws.

It is user's responsibility when reproducing or distributing content(s).

>>> Codec Check

This product may not support some media formats. Please check available codec types.

>>> Data Backup

Please backup datas stored in this product in a safe place. We are not responsible for any data loss or damage.

>>> Drop / Shock

Do not give shock or drop the MEDIADISK DIAMOND. This may damage it.

>>> Foreign Substance

Do not insert any metal or inflammable foreign substances into player. This may damage it.

>>> Disassembly / Modification

Do not attempt to disassemble or modify any part of MEDIADISK DIAMOND. This may damage it. Any product modification may void the warranty.

>>> Load

Do not place any heavy object on the top of the MEDIADISK DIAMOND. This may damage it.

>>> Chemicals

Do not clean product using chemicals cleaners. This may damage the MEDIADISK DIAMOND.

>>> Water / Moisture

Do not contact the MEDIADISK DIAMOND with water or liquid.

This may cause fire or electric shock. If any conductive liquid enters, turn off the MEDIADISK DIAMOND and disconnect power adapter immediately.

>>> Magnet or Magnetic Properties

Do not place the MEDIADISK DIAMOND near a magnetic field. This may cause a malfunction or damage stored data.

>>> Heat

Do not place the MEDIADISK DIAMOND under direct sunlight or near a heat source. Do not keep it for long time in high temperature. This may damage it.

>>> Vision / Hearing

Do not watch TV or hear loud sound for long time. This may cause vision or hearing problem.

>>> Fire

During MEDIADISK DIAMOND use, if you detect smoke or unusual smell, turn off product, disconnect adapter immediately, and call the aftersales department if required.

>>> Power

Do not use many electronic products with single outlet.

Firmly insert power plug. When working, do not unplug.

>>> Formats

The MEDIADISK DIAMOND playback depends on codecs used. Some files are incompatible. Check updates on www.memup.com



REMARKS

1. To ease file searches, the user is recommended to create 3 folders, respectively named “music”, “photo” and “movie” and then place the corresponding file into each folder.
2. Plug AC adapter
3. Press [Power] on remote control, the Mediadisk Diamond will switch on as the LED will turn on
4. Press [TV] on remote control to check output
5. Press [Power] button again for 3 seconds (during playback) to switch it off, the blue LED then turns to red.

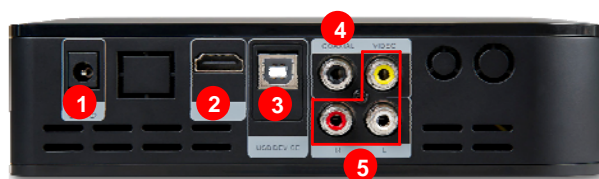
PRODUCT VIEW

Front panel



	Definition	Instruction
1	Working LED	For Power and HDD access
2	USB host	Connect any USB device: external HDD, USB key, ...
3	2 in 1 card reader	For SD HC / MMC Memory cards
4	Infrared indicator	Receiver for remote access
5	Power button	Switch on/off the Mediadisk

Rear panel































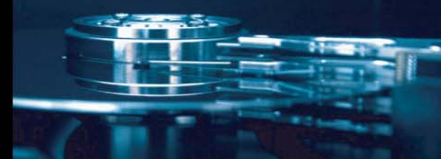
	Port	Definition	Instruction
1	DC IN	Power in port	Input power
2	HDMI	High definition port	Output digital signal via HDMI port
3	USB DEVICE	USB port	Via this USB port for PC communication
4	Coaxial	Output port	5.1 audio via coaxial port
5	AV	Composite video output port	Composite video and audio output



REMOTE CONTROL



KEY	FUNCTION
	Stand by, power ON/OFF
	Audio mute key
	Enter settings on media
	Switch language track
	Change subtitle when playing movie
	Display information of the title
	Press to go to main menu
	Exit to menu or return to previous window
	Switch the output mode
	Safely remove external USB device
	Volume up/down
	Confirm selection
	Move selection, up picture rotation
	Move selection, down picture rotation
	Move selection, Left Key
	Move selection, Right Key
	Play / pause
	Stop
	Backward Five speeds: (1/2X, 1/4X, 1/8X, 1/16X, 1/32X) Press  button to stop backward
	Forward Five speeds : (2X, 4X, 8X, 16X, 32X) Press  button to stop forward
	Push the button, then skip to last file
	Push the button, then skip to next file
	Has different functions in the interface
	Has different functions in the interface
	Zoom in
	Eject disk when external DVD device is connected



CONNECTION

Computer connection

The MEDIADISK DIAMOND is also a personal multimedia files storage device and can be used with a computer.

Connect the MEDIADISK DIAMOND to a computer with the USB cable, then, copy and transfer data.



See above picture and connect the device to computer accordingly.

The computer will detect the device automatically, then the device can be used as an external USB storage device.

Once finished, please remove the USB storage device safely by clicking the USB device icon to stop it and then pull out the USB cable even if working LED is still on).

Note:

Please don't power off when MEDIADISK DIAMOND is reading and writing.

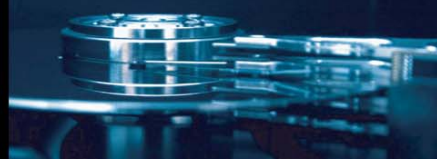
A/V connection



Plug the yellow connector into the AV output of product to the TV AV input.

Plug the red and white connector into the audio input of TV or HIFI.

Select AV mode on TV and the Mediadisk Diamond output with [TV system] of the remote control.



HDMI output connection



HDMI is a output with best audio and video effect. Connect HDMI cable to the output of the MEDIADISK DIAMOND.

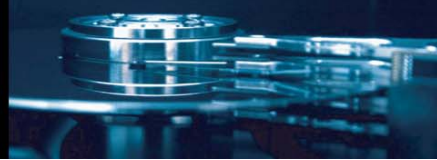
Select HDMI mode on TV and the Mediadisk Diamond output with [TV system] of the remote control.

Digital audio device connection



Connect the coaxial connector with the audio device by coaxial cable.

Enjoy 5.1 high quality sounds through a multi channel decoder/amplifier with coaxial input.



USB host

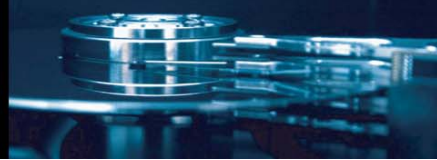
Once an USB device is connected, select folders in menu “Explorer” to display the content.



2 in 1 Card Reader

Once a memory card is connected, select folders in menu “Card” to display the content. It only accepts SD HC and MMC cards.





INTERFACE

Main interface



Video

Browse all your video content.

Photo

Browse all your photo content.

Audio

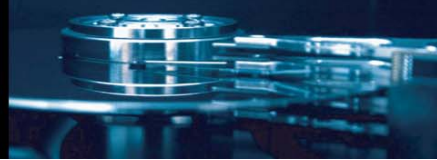
Browse all your audio content.

File Manager

Copy from one device to another with intuitive interface.

Setup

Change your settings.




BROWSER

Press ◀ or ▶ to select media. Choose from Video, Photo and Audio. Press “Return” to go to previous list.

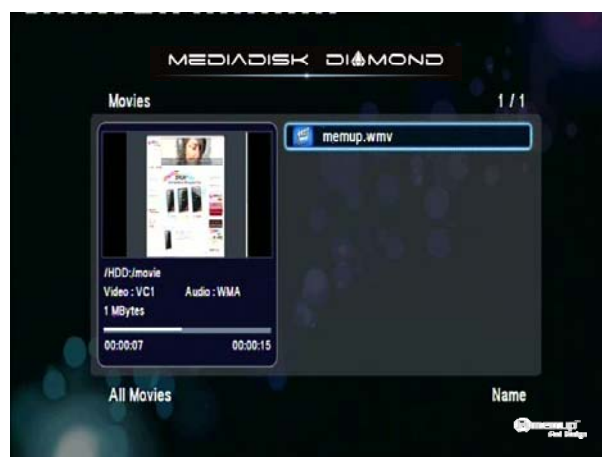


Once you selected your media, you can chose device by pressing ▲ or ▼ on remote control and select “HDD”, “USB” and “Card”.

Browsing Movies

Use ▲ or ▼ and press  button to play the file you want in Movies menu.

Only Video files will be displayed under “MOVIE” Menu. Other media files such as Audio or Photo files won’t be displayed in this menu.



Note:

Some media files can't be played with this device. Please be noted the media format in specification details.



Options:


You can set your movie content by pressing  button on video browser:



Search	Search file name by letter, word, number (refer to search section below)
Thumbnail	Display all files according to a thumbnail
List	Display all files according to a list
Preview	Display all files according to a preview
All Movies	List all films content included in Mediadisk Diamond
BD/DVD	List all virtual DVD / BD included in Mediadisk Diamond
Go to folder	Enter File Manager to find files
Name	Display by ascending sort
Size	Display by size sort
Most viewed	Display by frequency sort
Recently added	Display by newly added sort


Options during playback:

During playback, you can access to different settings by pressing [option].

Subtitle	<p>You have 6 different options with subtitles:</p>  <ol style="list-style-type: none"> 1- Subtitle languages choice 2- Subtitle location adjustment 3- Subtitle size adjustment 4- Subtitle time shift adjustment 5- Subtitle language type selection 6- Subtitle color as default
Audio	Switch track (if available)
Go to	Choose assigned time to play
Play mode	Repeat title, repeat all, repeat off
Video settings	Set brightness, contrast, saturation, color hue



Browsing Photo

Use ▲ or ▼ and press  button to play the file you want in Photos menu.
 Only Photo files will be displayed under “Photo” Menu. Other media files such as Video or Audio files won’t be displayed in this menu.



Options:

You can set your photo content by pressing  button on photo browser:



Search	Search file name by letter, word, number (refer to search section below)
Thumbnail	Display all files according to a thumbnail
List	Display all files according to a list
Preview	Display all files according to a preview
Photo directory	Display photos from selected folder
Date view	Access photos per year
All photos	List all photos
Name	Display by ascending sort
Recently added	Display by newly added sort
Recently played	Display by latest viewed




Options during slideshow:

During slideshow, you can access to different settings by pressing [option].



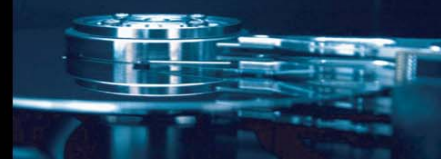
Slide timing	Set to Off, 2 sec., 5 sec., 10 sec. or 30 sec.
Slide transition	You have 9 different transition effects
Play order	Set to Off, repeat all and shuffle loop
Background music	Open/close current music Define background music as required
Video settings	Set brightness, contrast, saturation, hue parameters

Browsing Music

Use ▲ or ▼ and press  button to play the file you want in Music menu.

Only Audio files will be displayed under “Music” menu. Other media files such as Movie or Photo files won’t be displayed in this menu.





Options:

You can set your Music content by pressing  button on photo browser:



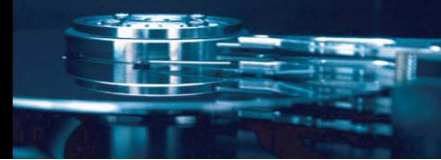
Search	Search file name by letter, word, number (refer to search section below)
Now playing	Enter music list current playing
Thumbnail	Display all files according to a thumbnail
List	Display all files according to a list
Preview	Display all files according to a preview
All songs	Display all music the Mediadisk Diamond include
Album	Access to music by album
Artists	Access to music by artist
Genre	Access to music by genre
Years	Access to music by year
Recently played	Display by latest viewed
Recently added	Display by newest added
Name	Display by ascending sort

Options during playback:

During playback, you can access to different settings by pressing [option].



In this menu, you have access to repeat off, repeat one, repeat all and shuffle.



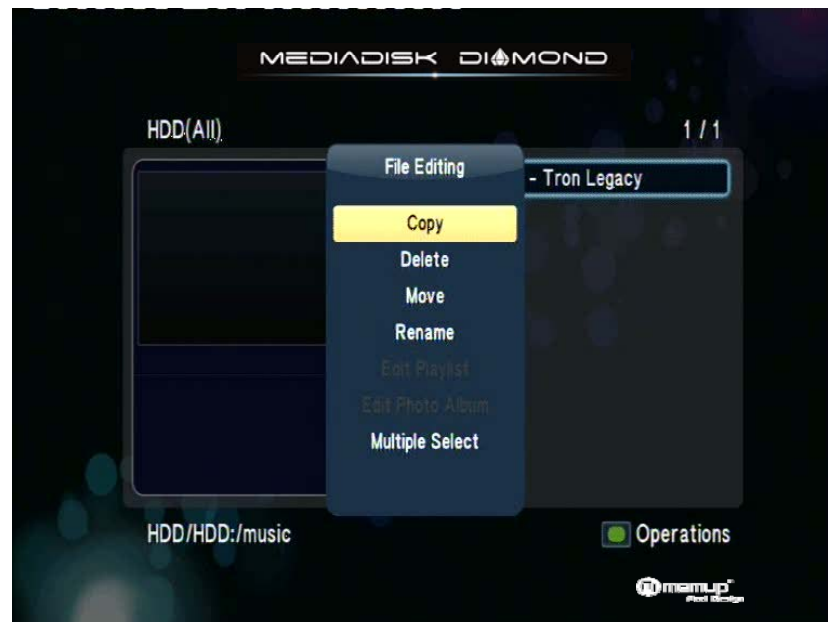
FILE MANAGER (COPY/PASTE & DELETE)

Access to the File Manager interface on main menu, it allows copying or deleting files between HDD, USB and card reader.

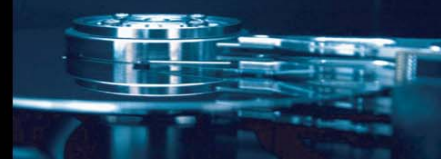


Copying operation

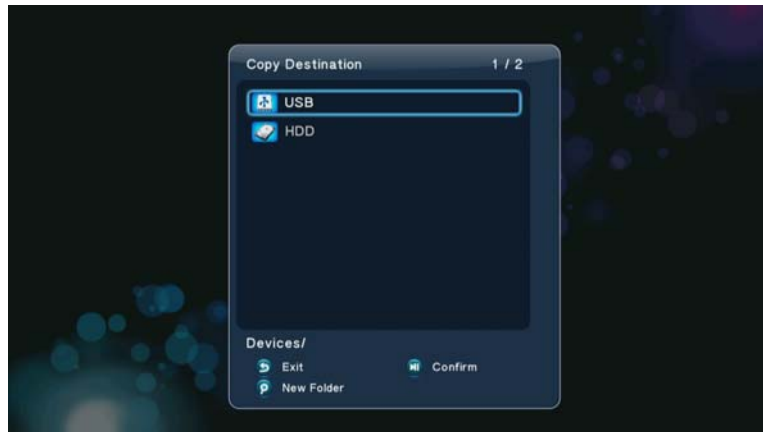
Choose File Manager icon and press the green button (operations)  to begin handling your files.




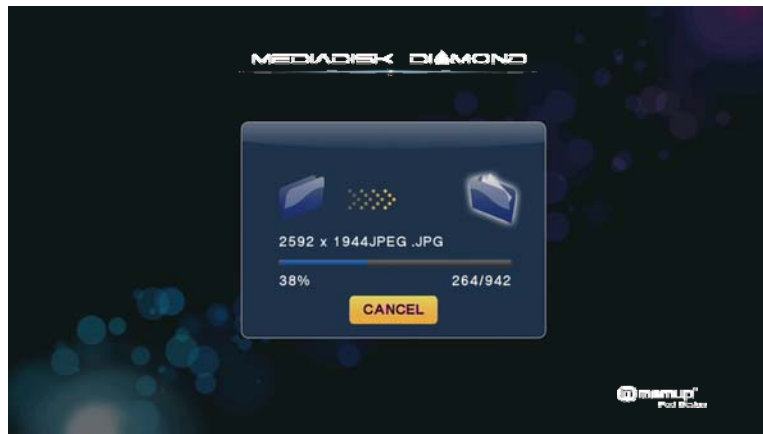
You'll be able to copy, delete, move, rename and multiple selection.



After copying some files, go to “Copy Destination” as below



Then press  and the copy interface will run.




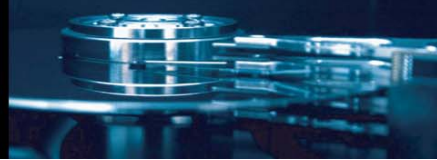
After processing, you’ll get a “success” or “failure” message.

SEARCH PROCESS

For whether Video, Photos and Music, you are able to easily search files in “option” mode



Select letters or numbers included in your title, use shortcuts to move, delete, switch uppercase letters, symbols or phonetic notation. Press  when ready to search into your content.



SETUP MENU

Go to Setup menu on welcome screen.



Press ◀ or ▶ to switch between setup mode. It concerns System, Audio, Video and MISC configuration.





System Setup



Menu language	Set display language
Text encoding	Set font code language
Time	Manual or time zone settings
R/RW auto-play	External DVD driver auto play on/off
Screen saver	Timing setup before screen saver
MiniKBD Language	Choose language as default
Scan storage	Auto scan, scan off and resume scan
Resume play	On/Off
Format	Format your hard disk drive to NTFS format
Recover default value	Set to factory defaults settings
Skin style	Select from Retro and Modern

Audio Setup



Night mode	Select On/Off/Comfort, automatically limit audio output
HDMI output	Set the output mode from LPCM (for downmix)/RAW (with external device)
SPDIF output	Set the output mode from LPCM (for downmix)/RAW (with external device)



Video Setup



Aspect Ratio	Select ratio: Pan scan 4:3, Letterbox 4:3, Wide screen 16:9, Wide screen 16:10
TV System	Select between: HDMI auto, NTSC, PAL, 480p, 576p, 720p60Hz, 1080i60Hz, 1080p50Hz, 1080p60Hz You can also change these settings by pressing [TV system] on remote control
Video zoom	Zoom in function
1080P 24Hz	Open or close for home cinema experience

MISC Setup



Version info	System related informations with kernel and bootcode
USB upgrade	Auto identify upgrade firmware by USB

To upgrade your system:

- 1/ Get the latest firmware on www.memup.com: download and unzip file (you will get an .img file)
- 2/ Copy the .img file to root directory of your USB key, plug your USB key and start system
- 3/ Enter System menu then enter the setup menu
- 4/ Go to USB upgrade. Don't switch off, it will damage your system.

The system will restart automatically once upgrade is completed.



SPECIFICATIONS

CONTENT FORMAT SUPPORTED:

- Video: Codecs: H.264 (AVC HD), H.263, VC-1 (WMV HD), MPEG 1/2/4, Xvid, RV8, RV9
Formats: MKV, AVI, MP4, MPG, WMV, DAT, VOB, MOV, ISO, FLV, ASF, MJPEG, TP, TS, TRP, M2TS, SWF, RM/RMVB
Subtitles support: SRT, SMI, SUB, ASS, SSA, IDX+SUB format
- Photos: JPG, JPEG, BMP, GIF, PNG, TIFF
- Audio: MP3, WMA, AAC, WMV, OGG, APE, Dolby Digital, DTS Downmix
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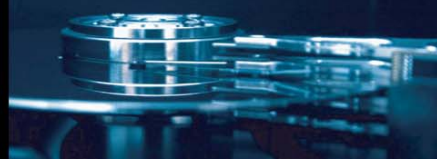
CONNECTIONS

USB	USB 2.0 High Speed x 1
2 in 1 card reader	SD HC / MMC
Video output	HDMI, RCA Connector (yellow) x 1
Audio L/R output	HDMI, RCA Connector (white/red) x 1, coaxial
USB Host	USB 2.0 x 1

GENERAL

Power Supply	AC 100~240V - 50~60Hz - 12V 2A
Operating	+5°C to +40°C (+36°F to +104°F)
Operating Humidity	5% to 80% RH
Dimensions	L 187 x W 160 x H 50 mm
Net Weight	Approx. 950 grs

Note: The specifications and design of this product are subject to change without any notice



TROUBLESHOOTING

For detailed troubleshooting information, please visit www.memup.com and consult FAQ

1. While playing movie file, subtitle is not shown.

- Make sure movie file name matches to subtitle file name.

2. While playing movie, there is no audio output.

- In SETUP menu, check if audio output mode is properly set.
- Check volume level and Check if [MUTE] is activated.
- LPCM and RAW option must be set properly with your Home Cinema sound system

3. The MEDIADISK DIAMOND can't read my video files ?

- MEDIADISK DIAMOND chipset can't read some files due to new codecs, even some firmware couldn't correct, reading files are mentioned on giftbox and in "specifications" part. Some will be added and available in **www.memup.com**

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